

## DONATIONS.

Description of some remains of the Gigantic Land Lizard (*Megalania prisca*, Owen) of Australia, parts II. and III., by Prof. Owen, C.B.

From the Government of Western Australia—Report on the Forest Resources of Western Australia, by Baron Ferd. Von. Mueller, K.C.M.G.; Lecture on Injurious Insects, by Miss Eleanor A. Ormerod, F.M.S.

From Prof. Ralph Tate, of Adelaide, South Australia, the following papers:—On the Australian Tertiary Palliobranchs; Anniversary Address to the Royal Society of South Australia; the Geology about Port Wakefield; Supplement to a Census of the Indigenous Flowering Plants and Ferns, 1881; on the Geographical relations of the Pulmoniferus mollusca of Victoria; descriptions of some new species of South Australian Pulmonifera; description of a new species of Belemnite. from the mesozoic strata in Central Australia.

From the Royal Microscopical Society—the Journal for December, 1881.

Southern Science Record, January, 1882, Vol. II., No. 1.

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PAPERS READ.

## NOTE ON FOSSARINA PETTERDI, BRAZIER.

BY F. W. HUTTON, HON. MEM. ROY. SOC. TAS.

Some time ago I received from Mr. Petterd, among other Tasmanian shells, several specimens labelled *Fossarina petterdi*. One of these contained the animal, and I extracted it and examined its dentition with the view of comparing it with my *Fossarina varius*. I found that the Tasmanian animal has a multispiral horny operculum, and the characteristic dentition of the *Trochidæ* much like *Cantharidus*. It is therefore not a *Fossarina* (a genus made I believe by Adams and Angas for some

true *Littorinidæ*) but may perhaps belong to *Adeorbis*, the operculum of which does not seem to be known. I should like to examine the other species of *Fossarina*.

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# LIST OF THE FRESHWATER SHELLS OF NEW ZEALAND.

BY PROFESSOR F. W. HUTTON, HON. MEM. ROY. SOC., TAS.

In my Manual of the New Zealand Mollusca, (1880) I have collected together the names and descriptions of all the fresh water shells said to occur in New Zealand; I have made no attempt in it either to revise the nomenclature, or to eliminate species probably put down to New Zealand in error; but it seems to me that I might now attempt to give, what I believe to be a true list of our fresh-water shells as at present known, as a supplement to the Check List of Australian Fresh-water Shells by Messrs Tate and Brazier, published in Vol. VI., p. 552 of our Proceedings.

*Aplexa antipoda*, *Sowerby*, in *Reeve's Conch. Icon. Physa*, fig. 37.

*Aplexa tabulata*, *Gould*, *Pro. Bost. Soc. Nat. Hist.* 1848, p. 214.

*Aplexa variabilis*, *Gray*, in *Dieffenbach's Travels in N.Z.*, vol. ii., p. 248, (1843).=*P. gibbosa*, *Sow.*, fig. 27, (not of Gould) =*P. guyonensis*, *T.-Woods*, *P.L.S. of N.S.W.*, iii., p. 138,=*P. hochstetteri*, *Dunker*. Described (?)

*Aplexa moesta*, *Adams*, *P.Z.S.*, 1861, p. 144. *Conch. Icon.* f. 32.

*Planorbis corinna*, *Gray*, *P.Z.S.*, 1849, p. 167.

*Latia neritoides*, *Gray*, *P.Z.S.*, 1849, p. 168=*L. lateralis*, *Gould*.

*Melanopsis trifasciata*, *Gray*, in *Dieffenbach's Travels in N.Z.*, ii., p. 263 (1843). *Voy. Ereb. and Terror*, *Moll. pl.* 1, f. 18-22.=*M. Zealandica*, *Gould*, (1848), *P.B.S.*, *N.H.*, p. 225.=*M. strangei*, *Reeve*, *Conch. Icon.* f. 3.=*M. ovata*, *Dunker*, *Mal. Blatt.* 1861, vii., p. 150.